

AMENDMENTS TO THE SPECIFICATION:

Please change the title of the application to "METHODS AND SYSTEMS FOR INTERCHANGING DOCUMENTS BETWEEN A SENDER COMPUTER, A SERVER AND A RECEIVER COMPUTER".

Please replace the two paragraphs which start at line 19 of page 38 and which end at line 11 of page 39 with the following two paragraphs:

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Please Enter 1146

By way of summary, ~~reference~~ Reference is now made to ~~Fig. 8 which shows an exemplary an example~~ architecture for a system of the present invention having a local domain 360, a server domain 370 and a remote user 380. Within the local domain 360, a sender computer 362 may use Lotus Notes to create a document or memoranda or control sending of an electronically loaded document destined for the remote user 360. The sender computer is used by a user codes to code the message using a secondary domain name such as @secure which causes a mailbox 364 to transfer the message to ~~the an~~ @ secure domain database 366. The message is then replicated over a dedicated connection to a transition database 372 in the server domain 370. An email message is sent from the transition database 372 via a conventional SMTP connection 382 through the internet to the remote user 380. ~~User 380~~ The remote user initiates a connection via the internet to the server domain 370 where a programmed processor 374 establishes an encryption connection to the remote user 380. Once the appropriate encrypted protocol is established and passwords and ID confirmed, the programmed processor 374 allows the remote user 380 to view or receive the message via encrypted transfer.

Fig. 9 illustrates Referring now to an alternate architecture example in which security is established between ~~the a~~ sender computer 362 and a server domain 370 (using a similar encryption protocol as just described in ~~Fig. 8~~ between the server domain 370 and a remote user 380. ~~The advantage offered by this architecture is that~~) it is noted that in this example information can be transmitted or accessed by mobile users 384. In this form, the server domain 370 processes all messages in encrypted form and still sends email notification of available documents using conventional SMTP.